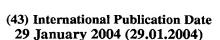
(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau





PCT

(10) International Publication Number WO 2004/009294 A1

(51) International Patent Classification⁷:

B25B 5/06

(21) International Application Number:

PCT/IL2003/000601

(22) International Filing Date: 22 July 2003 (22.07.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 150884

23 July 2002 (23.07.2002) I

(71) Applicant (for all designated States except US): TEFEN-PLAST (KIRUR) LTD. [IL/IL]; PO Box 25, 24959 Tefen (IL).

(71) Applicant and

(72) Inventor: BEN-GIGI, Zion [IL/IL]; 36 HaHatzav Street, 25147 Kfar Veradim (IL).

(74) Agent: KLEIN, David; Dekel Patent Ltd., Beit HaRof'im, 18 Menuha VeNahala Street, Suite 27, 76209 Rehovot (IL).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

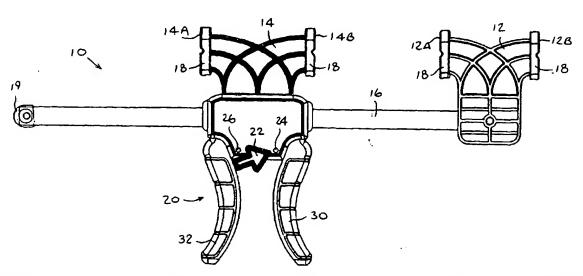
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: BAR CLAMP



(57) Abstract: A bar clamp (10) comprising a bar (16), a fist clamping jaw (12) mounted on the bar, a second clamping jaw (14) slidingly mounted on the bar, at least one of the clamping jaws (12, 14) comprising a double-faced clamping jaw (12A, 12B, 14A, 14B) comprising one face facing one end of the bar and another face facing an opposite end of the bar, wherein centers of both faces of the double-faced clamping jaw are positioned at substantially equal heights from the bar, and a jaw advancing mechanism (20) coupled to the second clamping jaw (14) and adapted to move the second clamping jaw (14) selectively towards or away from the first clamping jaw (12).

BEST AVAILABLE COPY





		PCT/IL	03/00601		
A. CLASSIF	9CATION OF SUBJECT MATTER B25B5/06				
1107	B25B5/ 00				
	International Patent Classification (IPC) or to both national classification	ion and IPC			
B. FIELDS	SEARCHED cumentation searched (classification system followed by classification	a symbols)			
IPC 7	B25B	· Oyniboloy			
Documentat	ion searched other than minimum documentation to the extent that su	ch documents are included In the fle	ds searched		
Electronic da	ata base consulted during the International search (name of data base	and, where practical, search terms	used)		
EPO-In	ternal				
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with indication, where appropriate, of the rele	vant passages	Relevant to claim No.		
ļ					
Х	WO 01 56747 A (BESSEY & SOHN ;KLI		1-4		
	HORST (DE); ROESCH HANS (DE); PHI	LIPP			
Υ	KARL) 9 August 2001 (2001—08—09) page 15, line 16 —page 35, line 3	0:	7,9		
ļ	claims; figures 1-6	-,	,,,,		
A	·		5		
lγ	US 6 382 608 B1 (MICHELL STEVEN W)	9		
1	7 May 2002 (2002-05-07)	,			
_	cited in the application	7 D	1-5		
A	abstract; claims; figures 1-3,6A-	/ D	1-5		
Υ	US 4 555 100 A (DITTO JOSEPH R)		7		
	26 November 1985 (1985-11-26) column 3, line 56 - line 59; figu	rac 1 6			
		163 1,0			
	-	/			
V For	her documents are listed in the continuation of box C.	X Patent family members are	listed in enney		
		<u> </u>			
		"T" later document published after th or priority date and not in conflic	t with the application but		
consid	ent defining the general state of the art which is not dered to be of particular relevance	cited to understand the principle invention	or theory underlying the		
"E" earlier	document but published on or after the international date	'X' document of particular relevance cannot be considered novel or o	annot be considered to		
"L" docume which	he document is taken alone the claimed invention				
citatio	an Inventive step when the or more other such docu-				
P' docum	obvious to a person skilled				
		'&' document member of the same p	<u> </u>		
Date of the	actual completion of the international search	Date of mailing of the internation	ы зеагоп героп		
17 October 2003 27/10/2003					
Name and	mailing address of the ISA	Authorized officer			
	European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk				
	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Majerus, H			



Form PCT/ISA/210 (continuation of second sheet) (July 1992)

INTERNATIONAL SEARCH REPORT

PCT/IL 03/00601

C (Continu	N POOLINE NEW CONSTRUCTION	PUI/IL	03/00601
Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
		Helevant to claim No.	
Α	FR 2 285 962 A (PIERRE RICHARD) 23 April 1976 (1976-04-23) page 2, line 4 - line 11; figures		1
A	US 6 347 791 B1 (CHERVENAK THOMAS MICHAEL) 19 February 2002 (2002-02-19) abstract; figures		9
4	US 6 338 475 B1 (PING QIU JIAN) 15 January 2002 (2002-01-15) figures 2,7,8		1,9



INTERNATIONAL SEARCH REPORT

PCT/IL 03/00601

Patent document cited in search report		Publication date		Patent family member(s)	1	Publication date
WO 0156747	A	09-08-2001		777777	A1 A1 T	09-08-2001 09-08-2001 02-01-2002 15-07-2003 13-06-2002
US 6382608	B1	07-05-2002	NONE			رور ساد ندر چین کا کا در پایدر باند بانگ جیز بندر سا
US 4555100	Α	26-11-1985	NONE			
FR 2285962	A	23-04-1976	FR	2285962	A1	23-04-1976
US 6347791	B1	19-02-2002	NONE			
US 6338475	B1	15-01-2002	CN	2441607	U	08-08-2001